

ABSTRACT OF THE DISCLOSURE

The image processing device is configured including: a Y/C separator section for separating image data into chromaticity data BY_{xy} , RY_{xy} and luminosity data YY_{xy} ; a chromaticity noise removing section for smoothing the chromaticity data BY_{xy} , RY_{xy} ; a luminosity noise removing section for smoothing the luminosity data YY_{xy} ; and a noise-removing-rate computing section for computing a distribution parameter DP representative of a variation of the luminosity data YY_{xy} in two-dimensional coordinate space and computing, for each unit area of an image, a rate of the smoothing of the chromaticity data BY_{xy} , RY_{xy} and a rate of the smoothing of the luminosity data YY_{xy} according to the distribution parameter DP as outputs to the chromaticity noise removing section and the luminosity noise removing section respectively. The image processing device can execute such image processing on digital image data that can reduce a coarse look caused by film particles without blurring edges in the image.

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